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United States Department of Agriculture,

BUREAU OF PLANT INDUSTRY,

WASHINGTON, D. C.

BEAN ANTHRACNOSE.

This disease is quite common both in the great trucking sections along the Atlantic coast and in other parts of the country. It is sometimes called "rust," but the use of this name leads to confusion with the true bean rust, which is quite a different disease.

Anthrachnose is most injurious on the pods, but also does harm to young seedlings and may occur on the leaves. It begins as small dark specks with a reddish purple border which enlarge until they become spots one-eighth inch in diameter or larger (see illustration). It is most severe in warm, moist weather, when it often develops on the bean pods during shipment, as well as in the field.

Anthrachnose is caused by a fungus¹ and is spread by the spores borne in vast numbers on the spotted pods. It is carried over winter in infected seed and probably in other ways.

¹ *Colletotrichum lindemuthianum* (Sacc. and Magn.) Bri. and Cav.

DECEMBER 9, 1907.

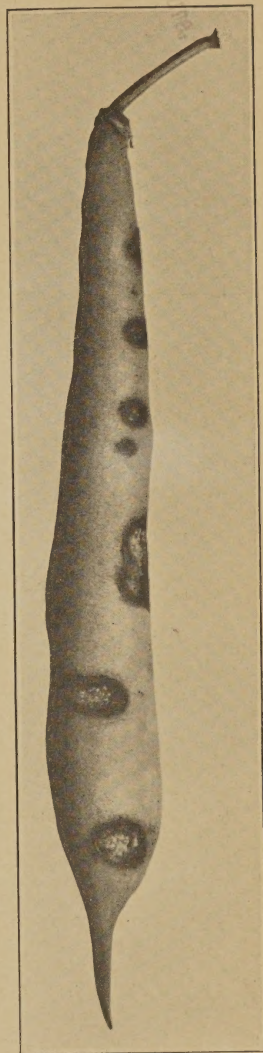


FIG. 1.—Bean anthracnose.

